INSTRUCTION MANUAL

9.2” TFT LCD
COLOR MONITORING SYSTEM
With 2 Indoor/Outdoor Color Cameras

MODEL: LCD0935
Ver. 061109, 011510

Wisecomm

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1. IMPORTANT SAFETY PRECAUTIONS

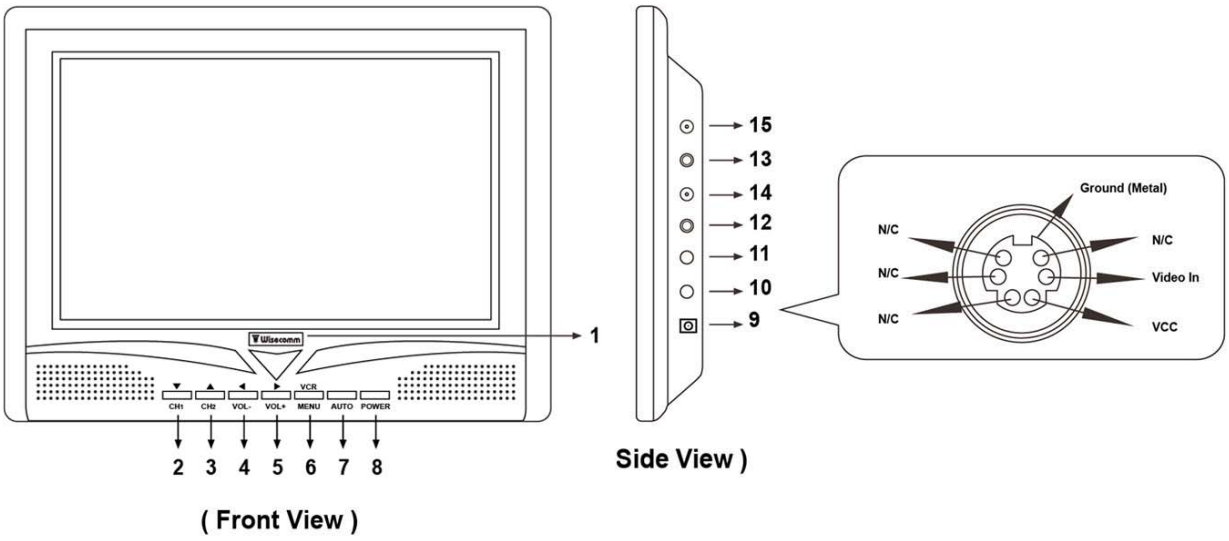
- To prevent fire or shock hazard, do not expose the monitor to rain or moisture.
- To avoid electrical shock, do not open the case of this product.
- Operate this product using only the supplied power supply .
- Do not overload electrical outlets or extension cords, this can result in fire or electric shock.
- Keep this product away from strong magnetic fields.
- Do not expose this product in direct sunlight or strong reflected rays.
- Do not use thinner or other cleanser to clean the unit. Please wipe out the unit with a soft cloth if it gets dirty.
- Refer servicing to qualified personnel only.
- Do not change or modify this product, the warranty terms will be voided.

2. FEATURES

- Easy installation
- 9.2” TFT LCD display
- Resolution 640 x 480
- 2Ch line locked sequential switcher
- 2 (two) 6pin Din video inputs for included cameras
- True Day/Night cameras built-in waterproof C-microphone
- Built-in ICR (IR Cut Filter Removal)
- Up to 60’ IR range (depends on scene reflection)
- On screen display
- Programmable dwell times up to 60 seconds
- DVR (or VCR) Recordable

3. CONNECTIONS

3.1 TFT LCD MONITOR



(Front View)

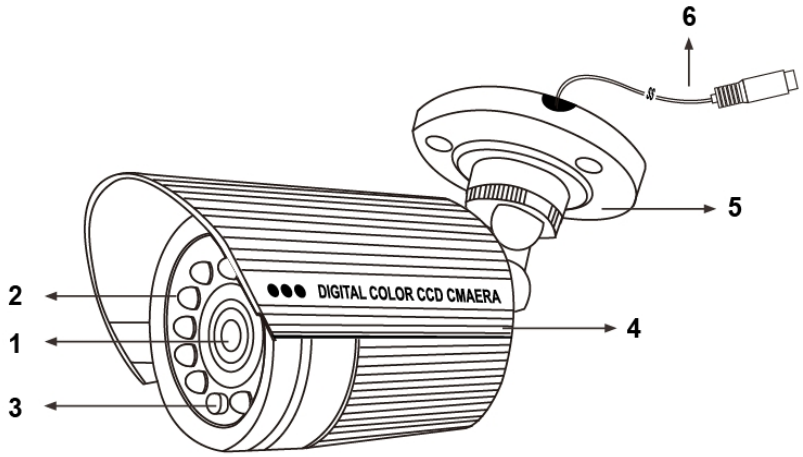
Side View)

1. This light is lit in blue when the AC power supply is properly plugged to DC jack (refer to #9).
2 -Select the CH1 camera by pressing this button in the manual mode or automatic sequential mode.
   -Press Down (▼) button to navigate the submenu.
3. -Select the CH2 camera by pressing this button in the manual mode or automatic sequential mode.
   -Press Up (▲) button to navigate the submenu.
4. -Decrease audio level by pressing this button.
   -Press Left (◄) button to select values.
5. -Increase audio level by pressing this button.
   -Press Left (►) button to select values.
6. -Press this button to setup the menus.
   -Press and hold this button for 3 seconds to set the unit into playback (VCR) mode.
7. Press this button to place the system into the automatic sequential mode (See section 6.4).
8. -Press this button to turn the power off.
   -Press and hold this button for 3seconds to turn the power on.
9. DC power jack
   Plug the provided AC power supply only.
   Do not use the unproven AC power supply as this can result in fatal damage to the system. In case of this, the warranty term should be voided.
10. 11. Video inputs (6pin Din jack)
    -Connect a provided camera to the 6pin Din jack.
    -Make sure that the two arrows on the monitor and on the top of the cable should be aimed at each other.

12. Audio input (RCA jack)
    Audio input port for VCR playing
13. Audio output (RCA jack)
    Audio output port for recording.
14. Video input (BNC)
    Video input port for VCR playing
15. Video output (BNC)
    Video output port for recording.

Note: **-Audio on the provided cameras is available.**

3.2 CAMERA

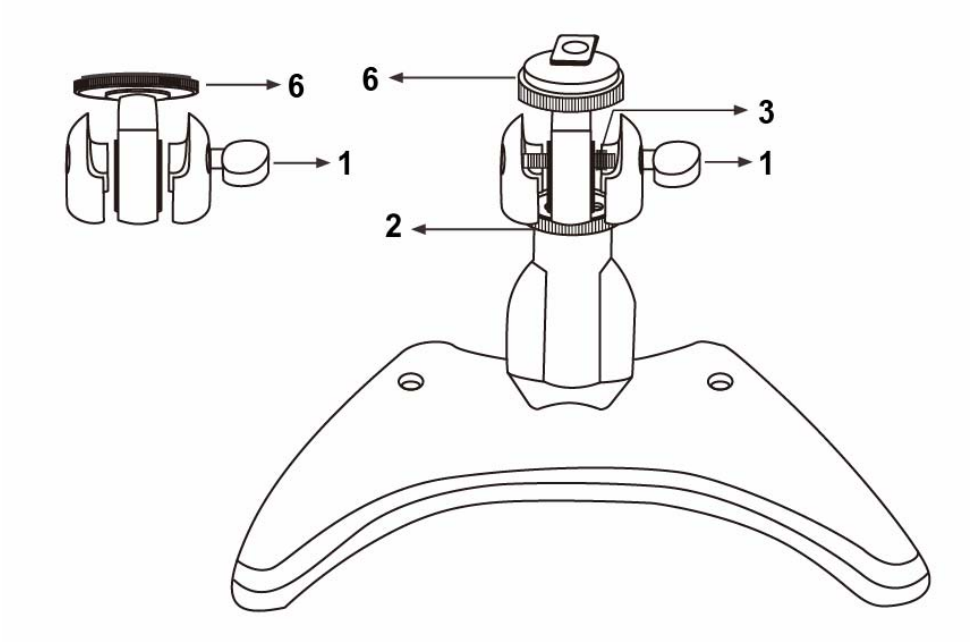


(Camera)

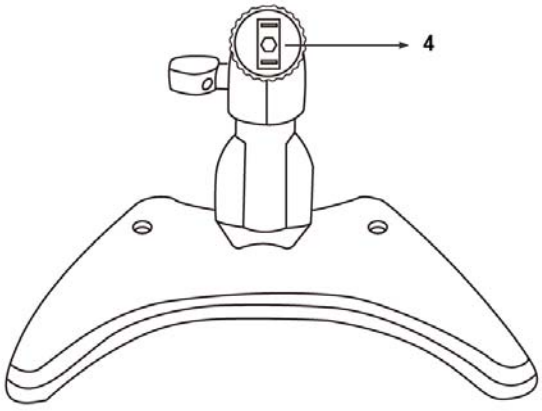
1. Lens
   3.6mm fixed Lens.
2. Infrared LEDs
   30 Infrared LEDs let you see objects in the darkness.
3. CDS sensor
   Automatically turns the Infrared LEDs on at night.
4. Sunshield
5. Mounting bracket
6. 60’ 6pin Din cable.

4. INSTALLATION

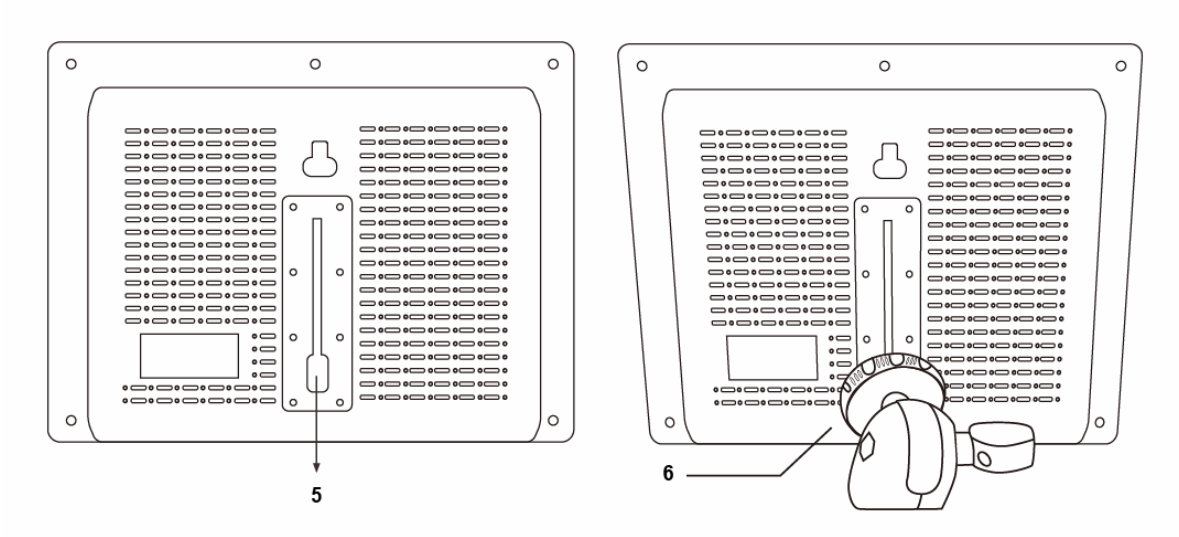
4.1 Installation of Mounting Bracket for TFT LCD Monitor



1. Turn the tightening knob① counter-clockwise to disassemble the swivel.
2. Place the fixed ring② into the swivel as shown illustration above and turn the tightening knob① clockwise to secure the swivel. Pay attention not to miss the spring③.

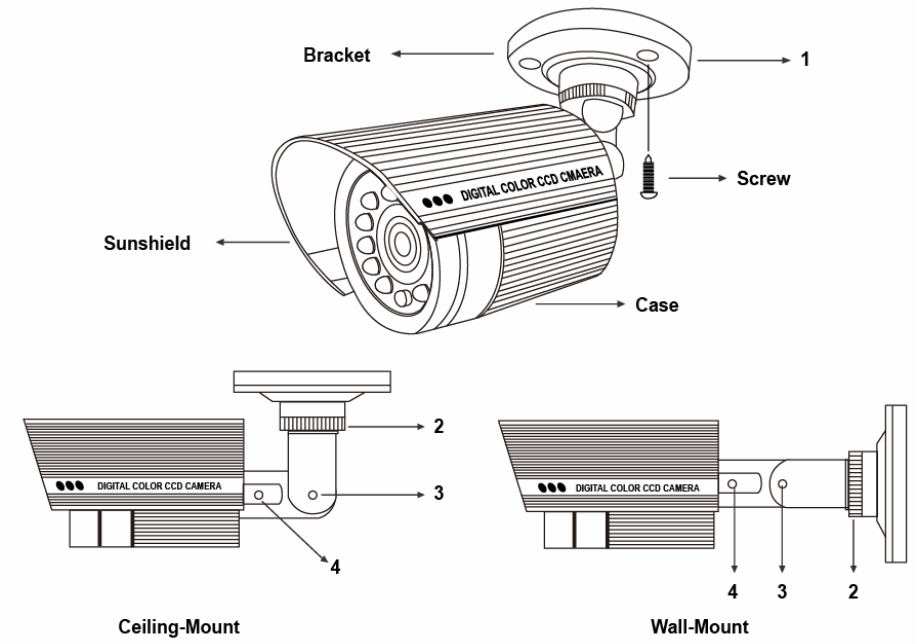


3. Loosen the locking knob and set the proper angle of square metal④ on the top of the swivel.



4. Place the square metal④ on the top of the mounting bracket into the metal hole ⑤ on the rear of the monitor as shown illustration above, then secure the monitor using the locking ring ⑥.
5. Turn the tightening knob① clockwise to secure the swivel after setting the desired angle of monitor to display. It can be used for wall-mount or ceiling-mount application depending on the setting.

4.2 Installation of Camera



1. Attach the mounting bracket base ① to the wall or ceiling, wherever you want to install the camera. Locate a wall stud or ceiling joist and secure the bracket base using the supplied screws.
2. Lock the mounting bracket with the locking ring②.
3. Turn the pivot locking screw③ with the provided hex-head wrench counter-clockwise to set the desired angle of camera toward objects and turn it clockwise to secure. It can be used for wall-mount or ceiling-mount application depending on setting this pivot locking screw.
4. Loosen the locking screw④ with the provided hex-head wrench and turn the camera clockwise or counter-clockwise to upright images on the screen and turn it clockwise to secure.
5. Connect the one end of 60' cable to CH1 or CH2. Make sure that the two arrows on the top of 60' cable and on the monitor should be aimed at each other.

5. OPERATION

5.1 Automatic Sequential Mode

- Press AUTO button on the front panel, then the monitor will be displayed one camera after another.
- The dwell time can be adjusted from 1 to 60 seconds in the SETUP menu (See section 6.4).

5.2 Manual Mode

- Press the desired camera button on the front panel of the monitor to display a full screen when the system is in the automatic sequential mode or manual mode.

5.3 DVR / VCR Operation

- Normally this system is in Record mode. To record, connect cables (not included) to the AUDIO IN/OUT and VIDEO IN/OUT ports on the monitor and vice versa on the DVR/VCR. Then press the "REC" button on the DVR/VCR.
- Press the "PLAY" button on the DVR/VCR.
- To play back, press the "MENU/VCR" button on the front panel for 3seconds or select the VCR in the SYSTEM menu (refer to system menu).

6. SETUP THE MENUS

It is impossible to setup the menus if images are not being displayed on the screen.

- Press the MENU button on the front panel to setup the menus.

- All the menus will automatically disappear if you don't change values within 10 seconds.
- The remote controller may not control all the functions on the system. In case of this, please use the buttons on the front panel.

6.1 Video Enhancement ( )

- Press the MENU button on the front panel to setup the menus.
- Select the VIDEO INHANCEMENT icon in the MAIN MENU by using the ► and the ◄ buttons.
- Choose an item with the ▲and the ▼buttons and select the values with the ► and the ◄ buttons.
- To return to the MAIN MENU, select the EXIT with the ▲and the ▼buttons and then press the MENU button.

6.2 Language ( )

Other languages except English are not available on this model.

6.3 Audio Volume ( )

- Press the MENU button on the front panel to setup the menus.
- Select the AUDIO VOLUME icon in the MAIN MENU by using the ► and the ◄ buttons.
- Choose an item with the ▲and the ▼buttons and select the values with the ► and the ◄ buttons.
- To return to the MAIN MENU, select the EXIT with the ▲and the ▼buttons and then press the MENU button.

6.4 System Menu ( )

- Press the MENU button on the front panel to setup the menus.
- Select the SYSTEM MENU icon in the MAIN MENU by using the ► and the ◄ buttons.
- Choose an item with the ▲and the ▼buttons and select the values with the ► and the ◄ buttons.
- To return to the MAIN MENU, select the EXIT with the ▲and the ▼buttons and then press the MENU button.

Reset:

- Select the Reset in the SYSTEM MENU to reset to the factory default values.

Blue:

- Select the Blue in the SYSTEM MENU to display in blue when no video signal or weak signal.

Auto Power Down:

- Choose one among 15, 30, 45 and 60 to turn the power off automatically after the selected time in minute.

Sharp:
- Adjust the sharpness of images.

Panel-LR:
- You can view the mirror images or normal images by selecting.

Panel-UD:
- You can view the reverse images or normal images by selecting.

AUTO-SWITCH
- Select the dwell time for the automatic sequential mode.

VCR
- Select **VCR** in the SYSTEM MENU and press ► or the ◄ buttons to set the system in playback mode. To return to live mode, press CH1 or CH2.

6.5 Exit ( )

- To exit the MAIN MENU, select the EXIT with the ▲and the ▼buttons and then press the MENU button.

7. SPECIFICATIONS

7.1 TFT LCD Monitor

Display	9.2” TFT LCD active matrix
System	NTSC
Pixel pitch	0.108 (H) x 0.376 (V) mm
Luminance	300 cd/m²
Viewing angle L/R/T/B	45/65/65/65 degrees
Power consumption	1,100 mA
Operating temperature	-5ºC to 50ºC
Dimensions	260 (W) x 195 (H) x 40 (D) mm
Weight	2.30 Lbs

7.2 Camera

Image pickup device	1/4” C-MOS
TV system	NTSC
Array Size	656 x 492
Image Area	4.080 mm x 3.102mm
Resolution	450 TV Lines

Minimum illumination	0 Lux (LED on), 0.1 Lux @F1.2 (LED off)
IR LED	30pcs, Wave Length: 850nm
S/N ratio	More than 48db (AGC off)
Gamma characteristics	0.45
Video output	1.0Vp-p Composite @75 ohms
Microphone	Waterproof C-Mic
Exposure Time Range	1/60s ~ 20μs
Lens	3.6mm fixed lens
Current consumption	400 mA Max @LED on
Power supply	DC 12V (Regulated: not included)
Housing material	Die cast aluminum alloy
Operational temperature	-10°C to 50°C RH95% Max
Dimensions	55Ø x 95(L) mm
Weight	1.1 Lbs

8. Appendix

System Includes

1-9.2" TFT LCD monitor
1-Mounting bracket for monitor
2-Indoor/Outdoor color camera w/60' cable & mounting bracket
1-AC Power Supply for Monitor, DC12V 3.0A
1-Remote Controller
1-Hex-head wrench
1-Instruction Manual

Limited 1Year Warranty

This warranty gives the original purchaser specific legal rights and you may also have other rights, which may vary from state to state. If our products do not function because of any defect in material or workmanship, we will repair it for free for 1 year on parts and labor from the date of original purchase. This warranty does not cover modification, abuse, incidental or consequential damages unless the state of owner's residence specially prohibits limitations on incidental or consequential damages.

How to obtain Factory Service

- Original purchaser must fill out the warranty card and mail it to the factory with the model number, serial number and the date of purchase.
- We will repair or replace, and return the system to the owner under this limited warranty.

- Please pack the system carefully and securely using the original packing materials, and send it prepaid and insured to: **13073 E. 166th St, Cerritos, CA 90703**.
- Please include a check for $20.00 to cover the cost of return postage and handling. If the system is returned within the warranty period, please include a proof of purchase. If the system is out of warranty, you will receive an estimate of the repair cost for your approval before repair work will be started.